Moore named an American Statistical Society Fellow

October 8, 2014

The American Statistical Association (ASA) inducted Leslie (Lisa) Moore of LANL's Statistical Sciences group as a Fellow at the 2014 Joint Statistical Meetings.
ASA Fellows are members of established reputation who have made outstanding contributions in some aspect of statistical work. Given annually, ASA limits the number of recipients to no more than one-third of 1 percent of the ASA membership. ASA cited Moore for "seminal and creative research on the design of computer experiments; for statistical collaboration on a wide range of problems of scientific and national importance; and for mentoring statisticians and statistical researchers."

Moore's achievements

Moore earned a doctorate in mathematics from the University of Texas – Austin, and then joined the Laboratory as a technical staff member in the Statistics Group in 1985. She also has worked as an assistant research professor at Duke University, for

Comforce Technical Services, and has been an adjunct professor at the University of New Mexico – Los Alamos.Collaborations with scientists and engineers at the Lab have motivated her research in computer and physical design, analysis of experiments, and applied statistics. Her physical experiment research addresses challenges posed by limits on resources and experimental capability. Her simulation-based experiments focus on designing efficient ensemble experiments that include sensitivity analysis in uncertainty quantification in models and analysis. Her applied statistics research provides innovative solutions for analysis and assessing measurement error and reliability. Moore has addressed a wide variety of problems of scientific and national importance including critical infrastructure protection, transportation simulation, carbon capture implementation, nuclear plant reliability, science-based stockpile stewardship, supercomputer performance, and environmental impact. She is a Fellow of the Royal Statistical Society. Moore's awards include the ASA's Don Owen Award, Certified Six Sigma Master Black Belt, Laboratory Distinguished Performance Award as part of the H1N1 Analysis Team, and a Laboratory Achievement Award for contributions to the CCS-6 Student Program. Moore chairs the Workshop on Design and Analysis of Experiments (Santa Fe) and serves as a referee for Technometrics and other statistical journals.

About the American Statistical Association

The ASA is the world's largest community of statisticians. It supports excellence in development, application and dissemination of statistical science through meetings, publications, membership services, education, accreditation and advocacy. Members serve in industry, government and academia in more than 90 countries, advancing research and promoting sound statistical practice to inform public policy and improve human welfare.

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